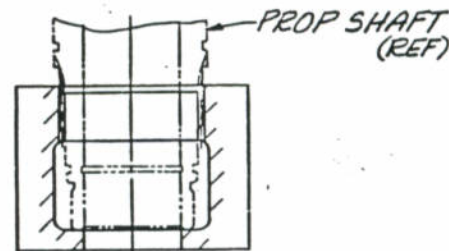
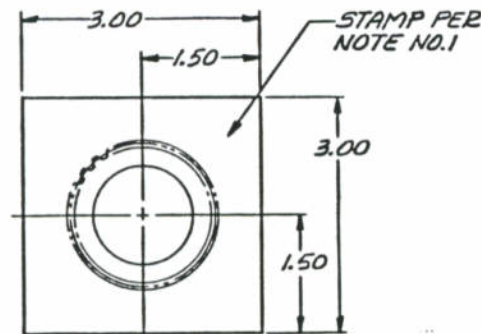
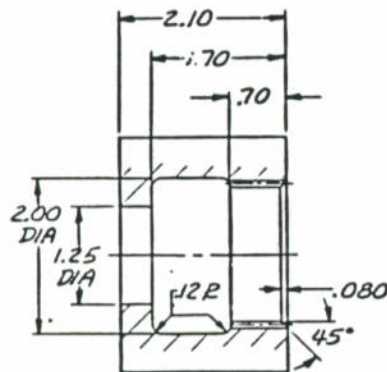


**FILE COPY**

REVISIONS			
ZONE/LTR	DESCRIPTION	DATE	APPROVED



**NOTES:**

1. MARK AS SPECIFIED IN LOCATION SHOWN WITH 1/8-3/16 HIGH FIGURES THE FOLLOWING:  
a) THE NAME "ALLISON" FOLLOWED BY THE TOOL NUMBER AND LAST CHANGE LETTER.  
b) VENDOR NAME OR TRADEMARK.
2. CADMIUM PLATE PER AMS 2400 DIMENSIONS SHALL BE MET AFTER PLATING

INTERNAL SPLINE DATA  
 16/32 PITCH 29 TEETH  
 30° PRESSURE ANGLE  
 ARC SPACE WIDTH AT PD = .1032 <sup>+0.0050</sup> <sub>-0.0000</sub>  
 DIMENSION BETWEEN TWO .1080 DIA PINS = 1.6634 <sup>+0.0092</sup> <sub>-0.0000</sub>  
 RD = 1.904  
 PD = 1.8125 <sup>+0.005</sup> <sub>-0.000</sub>  
 ID = 1.750 <sup>+0.005</sup> <sub>-0.000</sub>  
 ACTIVE PROFILE INSIDE 1.8750 DIA  
 BREAK TIP .010 MAX  
 .005R (MIN)

REFERENCE  
 BASE CIRCLE DIA = 1.5697

USED ON ENGINE MODEL  
 250 SERIES

BREAK SHARP EDGES .020 UOS

UNLESS OTHERWISE SPECIFIED  
 TOL ON ANGLES = 2°  
 TOL ON 3 PLACE DECIMALS = .010  
 TOL ON 2 PLACE DECIMALS = .02  
 4 PLACE DECIMAL DIMENSIONS  
 WITHOUT TOLERANCES ARE BASIC  
 ENGR. 1  
 ENGR. 2 AY  
 ENGR. 3 FJR  
 FINAL RJP  
 REVIEW APPROVAL  
 MATL  
 STEEL - SAE 4140  
 HEAT TREAT AND HARDNESS  
 HDN Rc 32-36  
 SURFACE TREAT.  
 NOTED

APPROVALS  
 DATE  
 DRAWN BY  
 CHECKED ZDM  
 CHF. DR. Purley  
 METALLURGY  
 ENGR. 1  
 ENGR. 2 AY  
 ENGR. 3 FJR  
 FINAL RJP  
 REVIEW APPROVAL

DRAWING PRACTICE		SURFACE TEXTURE		SCREW THREADS	
GENERAL SPECIFICATIONS		SPEC. SUMMARY		AMS 2400 LOCAL SPEC. (REF)	
TITLE <b>ADAPTER-SPLINED, PROP SHAFT</b>					
MODEL (FIRST USAGE)		CODE IDENT		DWG. No.	
C		73342		6798981	
SCALE FULL				SHEET 1 OF 1	

6798981

REF-6853153